

Broad Based Technology, Grade 9 (BBT 9)

Course Outline

Timeline: January 31, 2013 – June 13, 2013
Location: Fredericton High School, Room E132
Teacher: Mr. Rich – <http://frederictonhigh.nbed.nb.ca/teacher/mr-rich>
Contact: graham.rich@nbed.nb.ca, 453-5435 (FHS main office)

Course Assessment

Modules (Blog, Activities, Test)	70%
Web Portfolio	10%
Exam	20%

Program Overview

The broad based technology 9 course is designed to introduce students to computer software used in other high school courses and in future careers.

The focus of instruction and assessment will be on the student’s ability to demonstrate skill and ingenuity to solve technical design challenges. A smaller emphasis will be on creating a portfolio, research and memorization (of software use).

Possible Topics of Study

- Computer Purchasing
- Word Processing, Spreadsheets
- Presentation Software
- Keyboarding
- Raster Graphics
- Vector Graphics
- Computer Aided Design (CAD)
- Career Exploration
- Animation
- Computer Programming

Evaluation Procedure:

Modules (70%) involve a design challenge and will be evaluated for both “process” and “product”.

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| • Blog (10/70)
What did I learn today?
What did I work on? | • Activities (45/70)
Can I follow the process?
Can I achieve the result? | • Test (15/70)
Apply learning to answer
new design challenges. |
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Web portfolio (10%) must include the Blog and also summaries of each module’s activities (with appropriate screen captures).

Exam (20%) will include question/answer and software-based design challenges.

Expectations of Students for Learning:

- Due to the technical nature of the BBT9 curriculum, students' work will be done during class in hands-on project-based learning. Extra help is available Tues/Wed/Thurs from 12:30pm-1:00pm.
- Students are responsible to arrive prepared, on-time, and to cooperate and collaborate with the teacher and other students. Students are expected to work safely, efficiently and effectively.
- Students are responsible to brainstorm, create, manage and complete end-of-module projects that incorporate knowledge accumulated during the course.

Communication

Progress reports will be sent home after each module is completed. (4-5 progress reports per semester)
Assignments and deadlines will be posted at <http://frederictonhigh.nbed.nb.ca/teacher/mr-rich> .
Parents are encouraged to meet with Mr. Rich at parent-teacher meetings or make an appointment.

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I have read the course outline. I understand the course objectives and assessments.

I prefer progress reports be sent home: on paper by email to: _____

Parent/Guardian Name: _____ Signature: _____

Student Name: _____ Signature: _____